



# Aleksandr T

## Senior Senior Full Stack Engineer

### SUMMARY

- Senior Full Stack Engineer with 5+ years of experience developing web and mobile applications;
- Implemented APIs and microservices with Node.js, Nest.js, PostgreSQL, including caching, queue management, and AWS infrastructure (Proxet, NovaPay, and Web3 Startup);
- Built interfaces and component libraries using React, Vue, React Native, Next.js, TypeScript, and JavaScript (Proxet (SSR web platform), NovaPay (mobile app), and Web3 Dashboard);
- Experienced in fintech, Web3, and enterprise platforms, delivering production features, maintaining existing systems, and working in Agile teams.

### TECHNICAL SKILLS

<b>Main Technical Skills</b>	TypeScript, Node.js, React
<b>Programming Languages</b>	JavaScript, TypeScript
<b>JavaScript Libraries and Tools</b>	Apollo Client, Drizzle, Expo, i18next, Mobx, mui, React Native, React Query, Redux, Redux-Saga, Redux-toolkit, Zustand
<b>Mobile Frameworks and Libraries</b>	Crashlytics, Detox, React Native Testing Library
<b>JavaScript Frameworks</b>	Express, Ext JS, NestJS, Next.js, Node.js, React, Vue.js
<b>Databases &amp; Management Systems / ORM</b>	AWS DynamoDB, Data Lake, Firebase, HDFS, Microsoft SQL Server, MikroORM, MongoDB, MySQL, PostgreSQL, Prisma, Redis, SQL, Typeorm
<b>UI Frameworks, Libraries, and Browsers</b>	Ant Design, CSS, HTML, ShadCN, Socket.io, Storybook
<b>Cloud Platforms, Services &amp; Computing</b>	AWS
<b>Amazon Web Services</b>	AWS DynamoDB, AWS EC2, AWS Lambda, AWS RDS (Amazon Relational Database Service), AWS S3
<b>Azure Cloud Services</b>	Azure Cloud Services, Azure MSSQL, Azure VM

<b>Methodologies, Paradigms and Patterns</b>	Agile, SSR
<b>SDK / API and Integrations</b>	API, API testing, GraphQL, OpenAPI, RESTful API
<b>QA, Test Automation, Security</b>	API testing, e2e testing, Jest, Playwright, QA, React Testing Library, Security, Usability tests
<b>Message/Queue/Task Brokers</b>	BullMQ, RabbitMQ
<b>Deployment, CI/CD &amp; Administration</b>	CI/CD
<b>Virtualization, Containers and Orchestration</b>	Docker, virtualization
<b>UI/UX/Wireframing</b>	Figma, UI/UX
<b>Platforms</b>	Firebase
<b>Version Control</b>	Git, Github Actions
<b>Logging and Monitoring</b>	Grafana
<b>Mail / Network Protocols / Data transfer</b>	GRPC, WebSockets
<b>BlockChain and Decentralized Software</b>	Optimism
<b>Other Technical Skills</b>	Amazon Relational Database Service, Cloud platforms, No-code, Test Automation, Version Control

## WORK EXPERIENCE

### Senior Full Stack Engineer, Proxet (Platform Development)

**Duration:** Sep 2024 - Present

**Summary:** Development and enhancement of a high-performance web platform with focus on server-side rendering, reusable UI components, and microservices for document management. The project aims to improve user experience and operational efficiency through modern web technologies and observability tools

#### Responsibilities:

- Implemented server-side rendering using Next.js to improve page load performance and SEO behavior of the platform;
- Developed reusable React UI components and maintained a shared component library documented with Storybook;
- Designed and implemented a microservice for document generation and file processing used for automated report creation;
- Integrated observability tools using OpenTelemetry and Grafana to monitor application performance and distributed services;
- Wrote unit tests with Jest and end-to-end tests with Playwright to support application stability;



- Contributed to frontend architecture and integration of React applications with backend microservices.

**Technologies:** TypeScript, React, Nest.js, Node.js, PostgreSQL, Jest, Shadcn, React-Query, AWS, Redis, Docker, Zustand.

## Senior Full Stack Engineer, NovaPay (Mobile and Backend Development)

**Duration:** Apr 2023 - Sep 2024

**Summary:** A financial service provider offering payment processing and money transfer services. It supports cashless payments, bill payments, and domestic money transfers through digital and physical channels. The system integrates payment services with retail and logistics networks.

### Responsibilities:

- Developed a cross-platform mobile application using React Native and Expo and integrated it with existing backend APIs;
- Implemented backend services using Nest.js with BullMQ for background job processing and queue management;
- Improved application performance through caching strategies and API optimization;
- Participated in code reviews and contributed to establishing coding standards within the development team;
- Worked in Agile development cycles, participating in sprint planning and regular feature releases.

**Technologies:** React, Next.js, React Native, Expo, Nest.js, Vue.js, OpenAPI, Zustand, GitHub Actions, BullMQ, TypeScript.

## Middle Full Stack Engineer, Web3 Startup (Web3 Dashboard and Mobile App)

**Duration:** Aug 2021 - Mar 2023

**Summary:** Development of a responsive Web3 dashboard and cross-platform mobile application for real-time wallet tracking and portfolio analytics. The project included building microservices for user authentication, data aggregation, and real-time notifications to support decentralized finance users

### Responsibilities:

- Developed a responsive dashboard using React and Next.js for displaying wallet activity and portfolio analytics;
- Implemented backend microservices with Nest.js for authentication, data aggregation, and notification processing;
- Built a cross-platform mobile application using React Native and integrated it with REST APIs;
- Optimized database queries and caching strategies to improve API performance;
- Collaborated with a distributed engineering team working across multiple time zones.

**Technologies:** TypeScript, React, Next.js, MUI, React Native, Nest.js, Node.js, AWS, RabbitMQ, Detox, Redux, Redux-Saga.

## Middle Full Stack Engineer, Colive

**Duration:** Apr. 2020 - Jan 2021



**Summary:** A housing platform that manages shared living spaces for tenants. It provides furnished apartments with flexible rental terms and includes services such as utilities, maintenance, and community management. The platform handles booking, tenant management, and property operations.

**Responsibilities:**

- Developed frontend features using React and integrated them with backend services;
- Implemented backend endpoints using Node.js and Express.js to support booking and tenant management functionality;
- Maintained existing features, fixed bugs, and participated in ongoing improvements of the platform;
- Worked with Git and GitHub for version control and collaboration within the development team.

**Technologies:** React.js, Node.js, Express.js, Git, GitHub.

## EDUCATION

- **Bachelor of Computer Science**  
Taras Shevchenko National University of Kyiv

